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IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

PATENT

Applicant(s): Jun Shen
Meichun Ruan
Charles Wheeler



Atty Docket No.: 12218.1600

COPY

Serial No.: To Be Determined

Client Ref: M1-027

Filed: January 18, 2002

Group Art Unit: TBA

TITLE: MICRO-MAGNETIC LATCHING
SWITCH WITH RELAXED
PERMANENT MAGNET ALIGNMENT
REQUIREMENTS

Examiner: TBA

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MICRO-MAGNETIC LATCHING SWITCH WITH RELAXED PERMANENT MAGNET ALIGNMENT REQUIREMENTS, the specification of which:

☐ is attached hereto.

☒ was filed on January 18, 2002 as Application Serial No. 10/051,447 was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

☐

Number	Country	Filing Date
_____	_____	_____
Number	Country	Filing Date
_____	_____	_____

[]

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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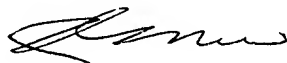
<u>60/262,776</u>	<u>01/18/01</u>
Application Number	Filing Date
<u>60/280,399</u>	<u>03/30/01</u>
Application Number	Filing Date
<u>60/307,181</u>	<u>07/24/01</u>
Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status — Patent, Pending</u>
_____	_____	_____
<u>Application Serial No.</u>	<u>Filing date</u>	<u>Status — Patent, Pending</u>
_____	_____	_____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Jun Shen

Inventor's signature: 

Date: 2/7/2002

Residence: Phoenix Arizona USA
City State/Country

Citizenship: USA

Post Office Address: 14654 S. 25th Place, Phoenix, Arizona Zip Code: 85048

202050 445001

Full name of second joint inventor: Meichun Ruan

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Inventor's signature: Ruan, Meichun

Date: 02-04-2002

Residence: Tempe Arizona USA
City State/Country

Citizenship: China

Post Office Address: 1050 S. Stanley Place P162, Tempe, Arizona Zip Code: 85281

Full name of third joint inventor: Charles Wheeler

Inventor's signature: Charles Wheeler

Date: 2/1/02

Residence: Paradise Valley Arizona USA
City State/Country

Citizenship: USA

Post Office Address: 6501 E. Hummingbird Lane, Paradise Valley, Arizona Zip Code: 85253

202050.2445001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

STATEMENT CLAIMING SMALL ENTITY STATUS
NONPROFIT ORGANIZATION

COPY

Inventors: Jun Shen
Meichun Ruan
Charles B. Wheeler



Attorney Docket No.: 12218.1600

Filed: January 18, 2002

Client Ref. No.: M1-027

Serial No.: 10/051,447

Examiner: TBA

Title: MICRO MAGNETIC LATCHING
SWITCHES AND METHODS OF
MAKING THE SAME

Group Art Unit: 2832

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231-0001

Dear Sir/Madam:

I hereby state that I am an official empowered to act on behalf of the following nonprofit organization.

Name of Nonprofit Organization: Arizona State University

Address of Nonprofit Organization: P.O. Box 873511, Tempe, Arizona 85287-3511

Type of Organization: University

[The user will be instructed to select one Type of Organization from the following five options.]

☒ [X] University or Institution of Higher Education

Tax Exempt Organization under Internal Revenue Service Code under 26 U.S.C. §§ 501(a) and 501(c)(3)

Nonprofit Scientific or Educational Organization under [State's] Statute, [Cite]

Foreign Nonprofit Organization which would qualify as Tax Exempt Organization under 26 U.S.C. 501(a) and 501(c)(3) if located in the United States of America

Foreign Nonprofit Organization which would qualify as Nonprofit Scientific or Educational Organization under [State's] Statute, [Cite] if located in that state.

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I hereby declare that this nonprofit organization qualifies as a nonprofit organization as defined in 37 C.F.R. 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office under 35 U.S.C. § 41(h).

I hereby state that the exclusive rights in and to the above-identified invention have been conveyed to and remain with this nonprofit organization.

I hereby state that the rights in and to the above-identified invention held by this nonprofit organization small business concern are not exclusive. I further state that each of the following individuals, concerns and/or organizations also has rights in and to the above-identified invention and that each individual, concern and/or organization also qualifies as an independent inventor, a small business concern or a nonprofit organization under 37 C.F.R. §§ 1.9(c)-(e). A separate statement verifying the small entity status of each concern and/or organization is attached to this Statement.

Name of Small Entity	Address of Small Entity	Type of Small Entity
_____	_____	_____
_____	_____	_____

I acknowledge the duty to notify the U.S. Patent and Trademark Office of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

Signed: Al M. Poskanzer Date: February 7, 2002

Name: Al Poskanzer

Title: Director

Business Address: P.O. Box 873511, Tempe, Arizona 85287-3511

SNELL & WILMER L.L.P.

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400 East Van Buren
Phoenix, Arizona 85004-2202
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IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

COPY
PATENT

Applicants: Jun Shen
Meichun Ruan
Charles Wheeler

Serial No.: To Be Assigned

Filing Date: January 18, 2002

Title: MICRO-MAGNETIC LATCHING SWITCH
WITH RELAXED PERMANENT MAGNET
ALIGNMENT REQUIREMENTS



Docket No.: 12218.1600

Group Art Unit: NYA

Examiner: NYA

POWER OF ATTORNEY

Arizona Board of Regents, the Assignee of the entire right, title, and interest in and to the above-captioned United States patent application and all inventions disclosed and claimed therein, hereby appoints as its attorneys to prosecute the above-captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

SNELL & WILMER L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
Telephone: (602) 382-6000
Facsimile: (602) 382-6070

and the registered attorneys associated with Snell & Wilmer's Customer Number 020322.

Please send all further correspondence to Brett A. Carlson at the above address.

By: Dr. Alan Poskanzer

Signature: *Alan Poskanzer*

Date: February 7, 2002